INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B1/707 G01S1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \mbox{Minimum documentation searched} & \mbox{(classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{H04B} & \mbox{G01S} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

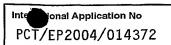
EPO-Internal, WPI Data, PAJ, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X .	CHAR-DIR CHUNG: "DIFFERENTIALLY COHERENT DETECTION TECHNIQUE FOR DIRECT-SEQUENCE CODE ACQUISITION IN A RAYLEIGH FADING MOBILE CHANNEL" IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 43, no. 2/4, PART 2, 1 February 1995 (1995-02-01), pages 1116-1126, XP000502602 ISSN: 0090-6778 abstract figure 1 page 1117, left-hand column, paragraph II page 1122, right-hand column, line 2 - page 1123, left-hand column, line 26	1,3,8, 12,13, 15-18, 22,24, 32,35,38

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 18 February 2005	Date of mailing of the international search report 24/02/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Amadei, D

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INTERNATIONAL SEARCH REPORT



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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
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X	EP 1 289 163 A (BROADCOM CORPORATION) 5 March 2003 (2003-03-05) abstract	1-7, 9-12, 14-16, 18,19, 22, 24-31, 33-35,38		
	column 2, paragraph 10 column 10, paragraph 44 column 12, paragraph 55 - paragraph 57 column 12, paragraph 59 column 13, paragraph 61 figures 5,7,12-14			
X	WO 00/49720 A (JOUTSENSALO JYRKI ;JYVAESKYLAEN TEKNOLOGIAKESKUS (FI); RISTANIEMI) 24 August 2000 (2000-08-24)	1,3,6, 10-12, 14-16, 18-24, 26, 29-31, 33-38		
	abstract page 8, paragraph 2 page 18, line 16 - line 18 page 27, line 16 - page 28, line 15 page 29, paragraph 13 - paragraph 17			
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Interional Application No
PCT/EP2004/014372

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